GC 8

LEVEL LINE
DETAIL 9A
GRIPE FITTINGS
6"=12" [3]
DRILL HOLE FOR 3/4" DIA. ROD
[3] SECT. 9B
3"=12"
DECK
DETAIL 8D [3]
RUNGS
1½"=12
DRILL 8 HOLES 13/16" DIA. FOR 3/4" DIA. BOLTS. WELD NUTS TO UNDERSIDE.
[1] SECT. 8A
3"=1'-0"
DRILL & TAP 3/4" D 10NC-2
DETAIL 7A
DOG
6"=12"
CANVAS COVERED
PARTS OF GRIPES NOT SHOWN SIMILAR TO DET. 6C
DETAIL 9C [3]
GRIPES FOR UPPER BOATS WITH CANOPY
3"=12"
SECT. 8E
3"=12"
1¼" 7NC-2 LEFT HAND THREAD
1¼"-7NC-2 RIGHT HAND THREAD
TO SUIT
DETAIL 8B
SLEEVE NUT & RODS
6"=12"
WOOD CHOCK SIM. TO DET 6D
DETAIL 7B
CHOCK (UPPER STOW.)
DRILL HOLE FOR 5/8" DIA. CSK. BOLT
DRILL HOLE FOR 5/8" DIA. BOLT
TO SUIT
SECT. 9D [3]
6"=12"
1½"×1/8" F.B. TWIST & SHAPE TO SUIT.
3"×1/8" F.B. FLANGE 2"×1" PAD WITH CANVAS
UPPER BOAT DOUBLE STOWAGE
15'-8" ABT.
14 SPACES @ 12"
SUPER DK.
PUNCH 6 - 3/4" D. HOLES BURRED SIDE UP.
[1] DETAIL 8F
PORTABLE LADDER
1½ & 6"=12"
SECTION 8C
3"=12"
DRILL 13/16" D HOLE
DET. 8B
[1] DETAIL 7C
3"=12"
DETAIL 6C
3"=12"
SECTION AT BOAT FR. 23 P/S [2]
DOUBLE STOWAGE
½"=12"
DET. 6C
DET. 7C
2" D. HOLE 6" C. TO C. ABT.
6A
SEC. 6A
3"=12"
SEC. 6B
3"=12"
WOOD CHOCK SIM. TO DET. 6D
TYP. DETAIL 6E
CHOCK (DBL. STOW)
3"=12
TYP. DETAIL 6D
CHOCK
3"=12"
DET. 9C
SECTION AT BOAT FR. 7 P/S [2][3]
DOUBLE STOWAGE
½"=12"
SECTION AT BOAT FR. 15 (STBD) [2][3]
DOUBLE STOWAGE
½"=12"
DETAIL 5A [1]
WRENCH CLIP
6"=12"
6" AT TOP 18" AT BASE
SEE DET. 8D
VARIES 5½" AT TOP TO 24" AT BASE
TYPICAL SECTION
SUPPORT
1½"=12"
SECTION AT BOAT FR. 15 (PORT) [2][3]
½"=12"
DIM. & DETAILS NOT SHOWN SIMILAR TO SECTION AT FR. 15 (STBD.)
FR. 57
13/16" D. HOLES
BRACKET
DETAIL 4A [2]
3"=1 FT.
3 LADDER RUNGS SPACED ABT. 15" APART
TWO 36' LANDING BT. LCP(L)
℄ OF BOAT
℄ OF SHIP
FAN ROOM
R.W.T. HATCH
7 RUNGS SPACED ABT. 12" APART
TWO 36' LANDING BTS. LCP(L)
BOAT FR. 23
BOAT FR. 15
BOAT FR. 7
HATCH
PLAN VIEW [2][3]
STOWAGE OF 4 - 36 FT. LANDING BOATS - LCP(L)
SUPER DECK
¼"=12"
SHEER
PORTABLE LADDER SEE DET. 8F
SUPER DK. HSE.
SUPER DK.
SECTION 3B [1][3]
¼"=12
9
8
7
6
5
4
3
2

MATERIAL FOR ONE SHIP Job Order 1039-A-8201

	PC#	NAME OF PIECE	AMT.	DET. SEC.	MAT'L.	MAT'L SPECS.	REMARK
3	~~1~~	~~STRONGBACK~~	2	6C	TYPE B STL.	~~46-S-1~~	~~4"I×7.7#×10'-5"~~
	~~2~~		2				~~×11'-2½"~~
	3		2				×10'-4½"
	4	LOWER	2	7C			5½"×3/8" F.B.×12'-6"
	5		1				×13'-3½"
	6		2				×12'-1⅝"
2	7	CHOCK WEB	1	6D		48-S-5	24"×15"×10# PL.
	8		1				24"×15"×
	9		1				24"×23"×
2	11/15	TILTING B'KT	13	6D 6E			12"×10# PL. CUT TO SUIT FROM 24"×22'-0"
2	~~16/18~~	~~2 OF EACH~~	~~6~~	~~6D~~			~~CUT TO SUIT FROM 24"×9'-0"~~
	19/21		LIN. FT. 34'	7B		46-S-1	2⅝"×¼" F.B. CUT TO SUIT
2	25/30	FLANGE	LIN. FT. 140	6D,E 7B			5½"×3/8" F.B.
	31/33	CHOCK PL.	6	6E		48-S-5	24"×10# PL. (CUT FROM 24"×5'-0")
	34/36	FLANGE STIFF.	LIN. FT. 48			46-S-1	5⅝"×¼" F.B. CUT TO SUIT
	37/39	"	LIN. FT. 65				"
	40	SUPPORT FL'GE.	4	PAN. 5		48-S-5	24"×8'-3" ABT. ×10# PL.
	41		3				24"×8'-3"
	42		4				24"×8'-3"
	43	WEB	4				18"×8'-3"
	44		3				18"×8'-3"
	45		4				18"×8'-3"
	46/48	FLANGE	LIN. FT. 100			46-S-1	5½"×¼ F.B. CUT TO SUIT
	49/51	GRIPE	AS REQ	9C 6C			3/4" DIA. ROD
	52	LINK	12				5/8" DIA. ROD×24" ABT.
	53	PAD	12				3"×1" F.B.×2 9/16"
3	54	SLEEVE	4		STL. GALV.	44-P-10	2½" STD. PIPE×4" ABT.
	55	DOG	12	6C 7A	COMM. BR.	47-B-2	7/8" D. ROD FORGE L=TO SUIT
3 2	56	HEX. HD. NUT & BOLT	208	6C	STL. GALV.	43-B-11	½" D. 13NC-2×3"
	57	WASHER	208			43-W-1	FOR Pc# 56 TYPE A
3	58	STG BACK CHOCK	4		DOUG. FIR.	MM-L-751	4"×5½"×9" ABT.
	59	CHOCK SUPPORT	4		TYPE B STL	46-S-1	5½"×¼" F.B.×24"
	60	CANVAS COVER	AS REQ	6C.D 7C	CANVAS	24-C-20	No. 4
	61	PADDING			HAIR FELT	32-F-2	½" THK.
	62	TACKS			STL. GALV.	FF-N-101	3/8" LONG
	63/65	CHOCK		7C 8C	DOUG. FIR.	MM-L-751	6"×6" L=TO SUIT
2	66	CHOCK	12				3"×12"×9" ABT.
	67	BLOCK BASE	12		TYPE B STL.	48-S-5	12"×9" ABT ×10# PL.
	68	LUG	24			46-S-1	2⅜"×¼" F.B.×8" ABT.
	69	U CLIP	12				2"×3/8" F.B.×9¼" ABT.
	70	U CLIP	12				×10¼" ABT.
	71	LUG	24				×2¼" ABT.
	72	HEX. HD. BOLT	24			43-B-11	3/4" D-10NC-2×7" ABT.
	73	ELASTIC STOP NUT	24		STL. GALV.	COMM.	FOR Pc.# 72
	74	SLEEVE NUT	12	8B	COMM. BR.	47-B-2	SEE DETAIL
	75	ROD	12		TYPE B STL.	46-S-1	1¼" D. ROD×4½"
	76	ROD	12				×4½" ABT.
1	77	HEX. HD. BOLT & NUT	96	8A 7C	STL. GALV.	43-B-11	3/4" D-10NC-2×1¾"
	78	CHOCK WEB	2	7B	TYPE B STL	48-S-5	34"×18½"×10# PL
	79		2				34"×18"×
2	84/92	FLANGE	LIN. FT. 70	6D		46-S-1	5"×¼" F.B. CUT TO SUIT
2	93/95	CHOCK	LIN. FT. 16			48-S-5	10"×10# PL
	96	TILTING B'KT.	8			46-S-1	2⅝"×3/8" FB×21"
	97		8				×13"
	98		48	6D 7B			2⅝"×¼" FB×5"
	99		48	6E 7B			×6"
	100	BRACKET	12	7C			5⅝"×3/8" F.B.×15"
	101		12	7C			3"×¼" F.B.×5½"
	102	BRACKET	24	8A 8E			4¾"×3/8" F.B×12"
	103		22				4¾"×3/8" F.B.×18" ABT.
	104		4	PAN 6			2⅝"×3/8" F.B.×7½" ABT.
1	105	HOOK	4	8F	TYPE A STL.	46-S-1	1½"×1/8" F.B×TO SUIT GALV.
	106	STOP	4				3"×1/8" F.B.×3"
	107	LADDER SIDES-TREADS	LIN. FT. 100		SHT. STL.	47-S-29	4⅝"×#16 GA.×TO SUIT
	108	CLIP	6	5A	TYPE B STL.	46-S-1	2"×1/8" F.B.×4½" ABT.
	109	WRENCH	6	7C	STL.	41-W-10	TYPE A CL. II FOR Pc.# 77
2	110	STRONGBACK SUPPORT	1	4A	TYPE A STEEL	48-S-5	10# PL.×11"×16"
	111	SUPPORT BKT	2				×6¼"×12"
	112		1				×11½"×12" ABT.
	113	CHOCK	LIN-FT. 2				×10" CUT TO SUIT
	114	FLANGE	LIN FT. 4			46-S-1	3/8"×5½" FB.
	115	WEB	LIN FT. 3				
	116	FLANGE STIFF.	1				¼"×5¼" F.B×13'-8¾
	117	STRONGBACK LOWER	1				3/8"×5½" F.B.×13'-8¾
	118	FLANGE	1				×10'-6"
3	119	LADDER RUNGS	40	8D		46-S-1	5/8" DIA. ROD×24" ABT.
	120	GRIPE FITTINGS LOWER	8	9A		48-S-5	4⅛"×2⅞"×1⅝"
	121	" " UPPER	8	9C			6½"×3"×1⅞"
	122	BRACKET	8				9"×20# PL×TO SUIT
	123	BEARING PL.	8			46-S-1	4"×½" F.B.×4"
	124	STIFF.	8				2"×½" F.B.×2"
	125	DOUBLER	8	9D		48-S-5	9"×9"×20# PL.
	126	STIFF.	16			46-S-1	3"×3"×3/8" L×7⅜"
	127	CSK. HD. BOLT	32		GALV. STL	43-B-11	5/8" DIA. 11NC3×2"
	128	HEX. HD. BOLT	16				×4"
	129	ELASTIC STOP NUT	48			COMM.	FOR Pc# 127 & 128

REFERENCE PLANS:

	PHILA.#	BU. SHIP#
1. SUPERSTRUCTURE DK. C+A.	AGC7 S1601	489193
2. 36' LANDING BOAT (LCP(L)) LINES & OFFSETS	X 32018	503999

GENERAL NOTES.

1. CHECK SHIP FOR ALL INTERFERENCES.
2. TEMPLATE ALL WORK FROM SHIP.
3. SHEER LINE OF BOATS TO BE SET PARALLEL WITH DECK.
[1] 4. BOLTS (Pc# 77) TO BE FREE FIT, CARE TO BE TAKEN SO THAT WHEN CHOCK IS SET IN POSITION, BOLTS ARE TO BE ALIGNED IN ORDER TO BE TIGHTENED FINGER TIGHT AND THEN WRENCH TIGHT.
[3] 5. STOWAGE ARRGT'S ARE FOR BOATS FITTED WITH CANOPIES. CANOPIES ON LOWER BOATS TO BE MADE PORTABLE BY BUILDING YARD, ANY MODIFICATIONS REQUIRED DUE TO ASSIGNMENT OF DIFFERENT BOATS TO BE MADE BY BUILDING YARD.

...STITUTIONS FOR CRITICAL MATERIALS ON THE BASIS OF TIME AND AVAILABILITY HAVE BEEN MADE WHEREVER FEASIBLE. DS

ALTERATIONS

NO.	PANEL NO.	DESCRIPTION	APPROVED	DATE	B/M AFFEC'D
1¹²	2⁷, 3¹, 5¹, 7¹², 8²	PORTABLE LADDER & WRENCHES (DET. 5A, 8F, Pc# 105 to 109) ADDED. SEC. 3B & DET. 7C MODIFIED. DET. 8A & Pc.# 77 MOD. GEN'L. NOTE 4 ADDED.	FWT	3/16/44	YES
2 15	2⁹, 3¹, 4², 5², 6¹	PORT STOWAGE CHANGED FROM SINGLE TO DOUBLE STOWAGE. PC. NOS 7, 8, 9, 10, 16, 17, 18, 22, 23, 24, 80, 81, 82, 83 DELETED. PC NOS. 110 TO 118 INCL. ADDED. DETAIL 4A ADDED. SECTION AT FR. 15, (PORT BOATS) ADDED. PC NOS. 11-15; 19-21, 25-48, 56-57, 66-79, 84-109 QUANTITIES CHGD.	HG	4/4/44	YES.
3²⁹	2¹⁹, 3², 4¹, 5², 8¹, 9⁴	STOWAGE MOD. TO SUIT BOATS WITH CANOPIES. ADDED DET. 9A-9C, SECT. 9B-9D, Pc# 119 to 129 INC. MOD. DET. 8D, Pc.# 54-56 to 59. DELETED Pc# 1-2. ADDED GEN'L. NOTE # 5	FWT	5/8/44	YES

Hill
Hill
Hill

NAMES & NUMBERS OF APPLICABLE VESSELS	NAMES OF BUILDING YARDS
AGC 14 13 12 11 10	NEW YORK AREA
9	NORFOLK NAVY YARD
8	BOSTON
7	PHILA.

NAME, ADDRESS AND PLAN NO. OF OTHER CONTRACTORS OR SUB-CONTRACTORS

PHILADELPHIA NAVY YARD
INDUSTRIAL DEPARTMENT

HULL PLAN

SCALE AS SHOWN=1 FT.		SQUAD LEADER F. C. Gaul	DATE 3/4/44
DRAWN BY Pincus	DATE 3/4/44	GROUP SUPERVISOR Hill	3/4/44
TRACED BY "		SECTION SUPERVISOR Burke PRINC. NAV. ARCH.	3/4/44
CHECKED BY G. K. Childs	3/4/44	HEAD NAV. ARCH.	3/4/44

APPROVED
DATE 3/4/44
F. W. Taylor
for DESIGN SUPERINTENDENT
Lt. Comdr. USN

SATISFACTORY TO

APPROVED
BUREAU OF
LETTER

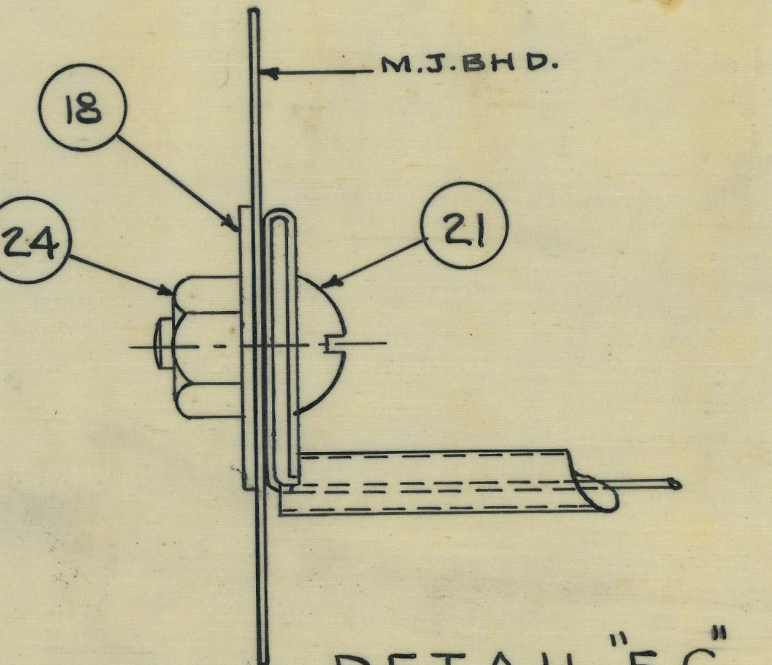
PLAN
EXAMINED AND FOUND CORRECT
DATE
DESIGN SUPERINTENDENT

TITLE
BOAT STOWAGE
36 FT. LANDING CRAFT (LCP(L))
SUPER. DK. FRS. 49-64 P/S
ARR'GT. & DETAILS

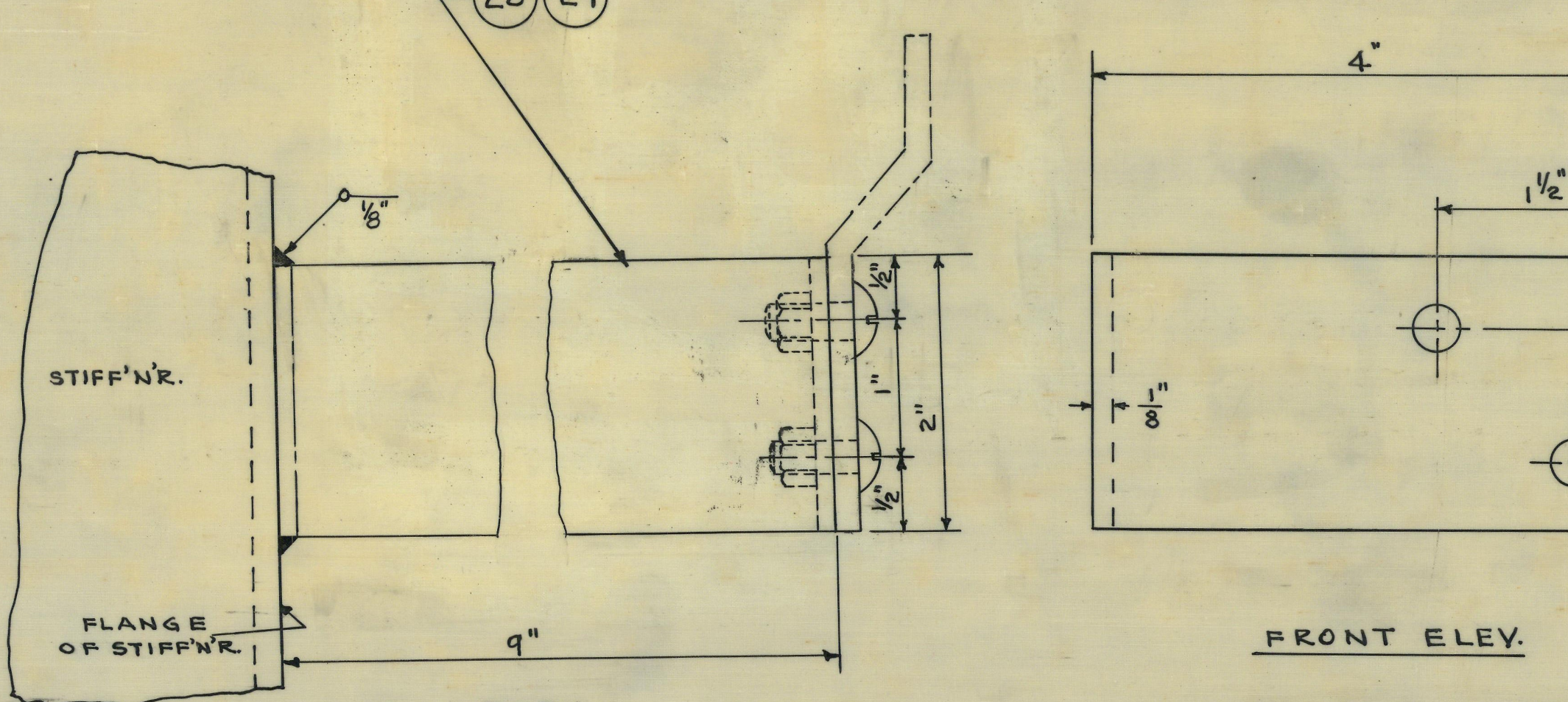
BUREAU OF SHIPS PLAN NUMBER
AGC 7-S8201-489552 ALT. 3

1

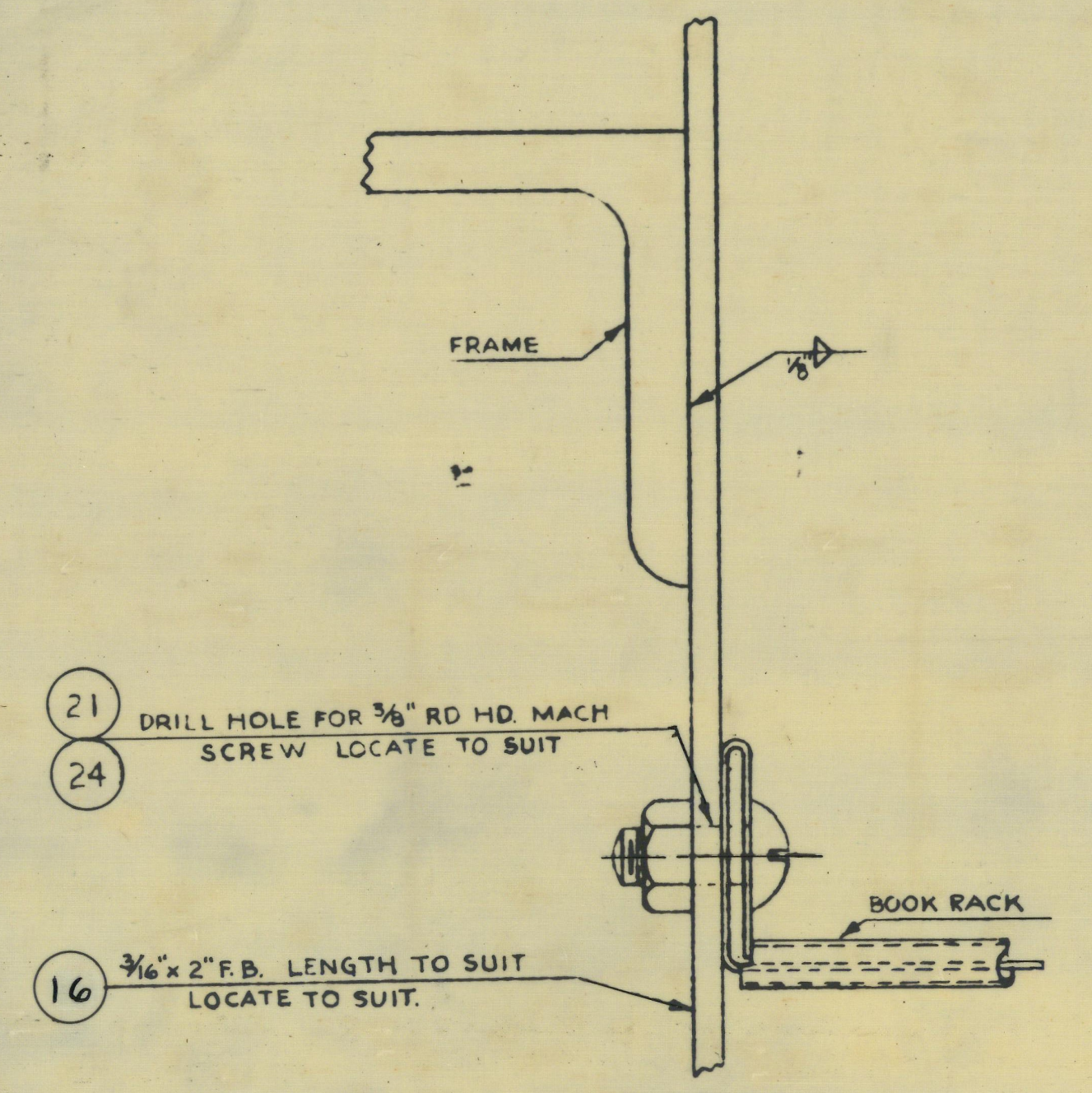
AREA — X 28" =



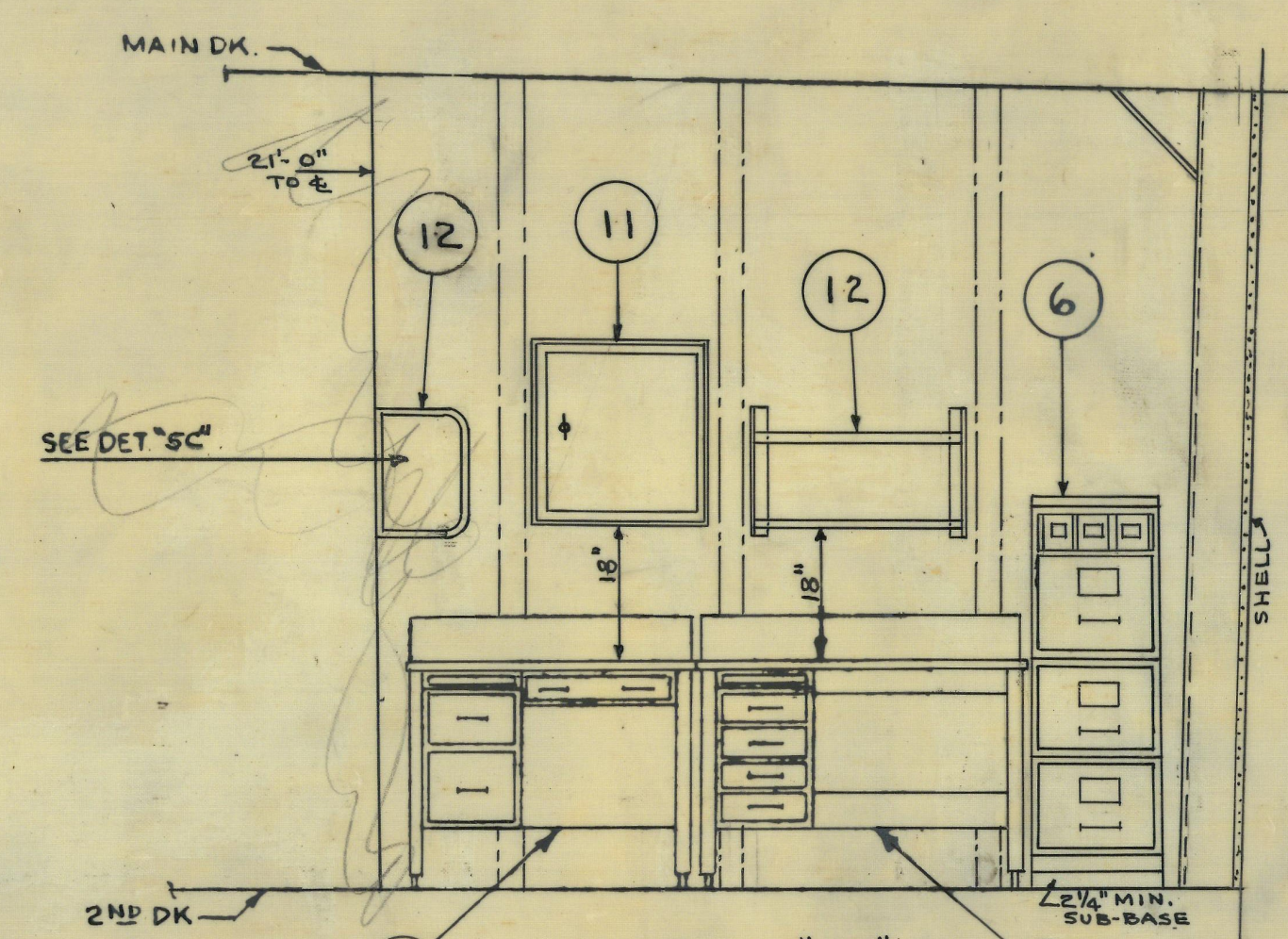
DETAIL "5C"
SCALE 12"=1'-0"



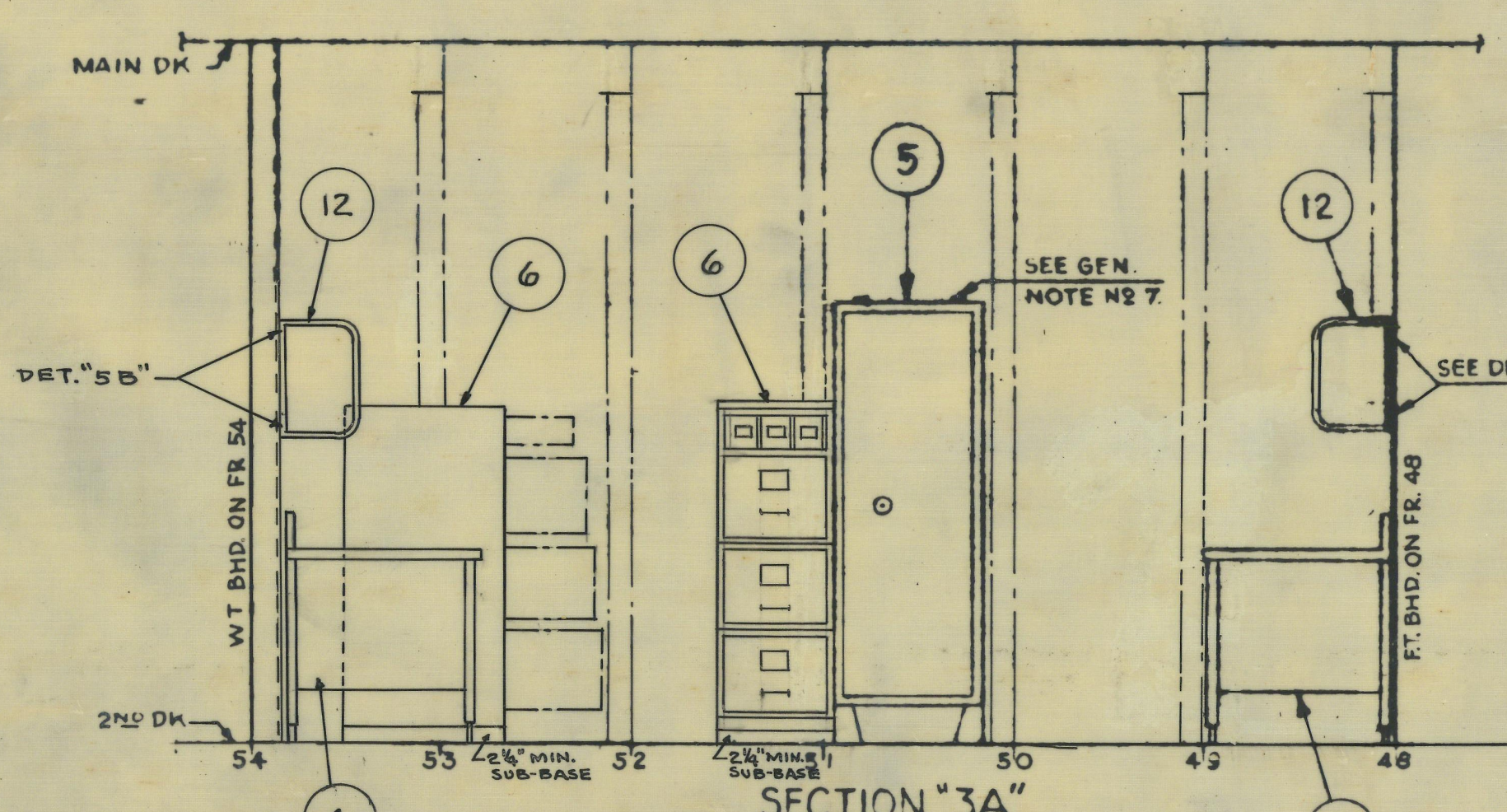
DETAIL "6A"
SUPPORT FOR KEY L'K'R.
IN WAY OF STIFF'N'R & OVER FLOW PIPE
LEFT HAND SHOWN ~ RIGHT HAND OPP. HAND
SCALE 12"=1'-0"


FRAME
1/8"
21
24
DRILL HOLE FOR 3/8" RD HD. MACH SCREW LOCATE TO SUIT
BOOK RACK
16
3/16"x 2" F.B. LENGTH TO SUIT LOCATE TO SUIT.

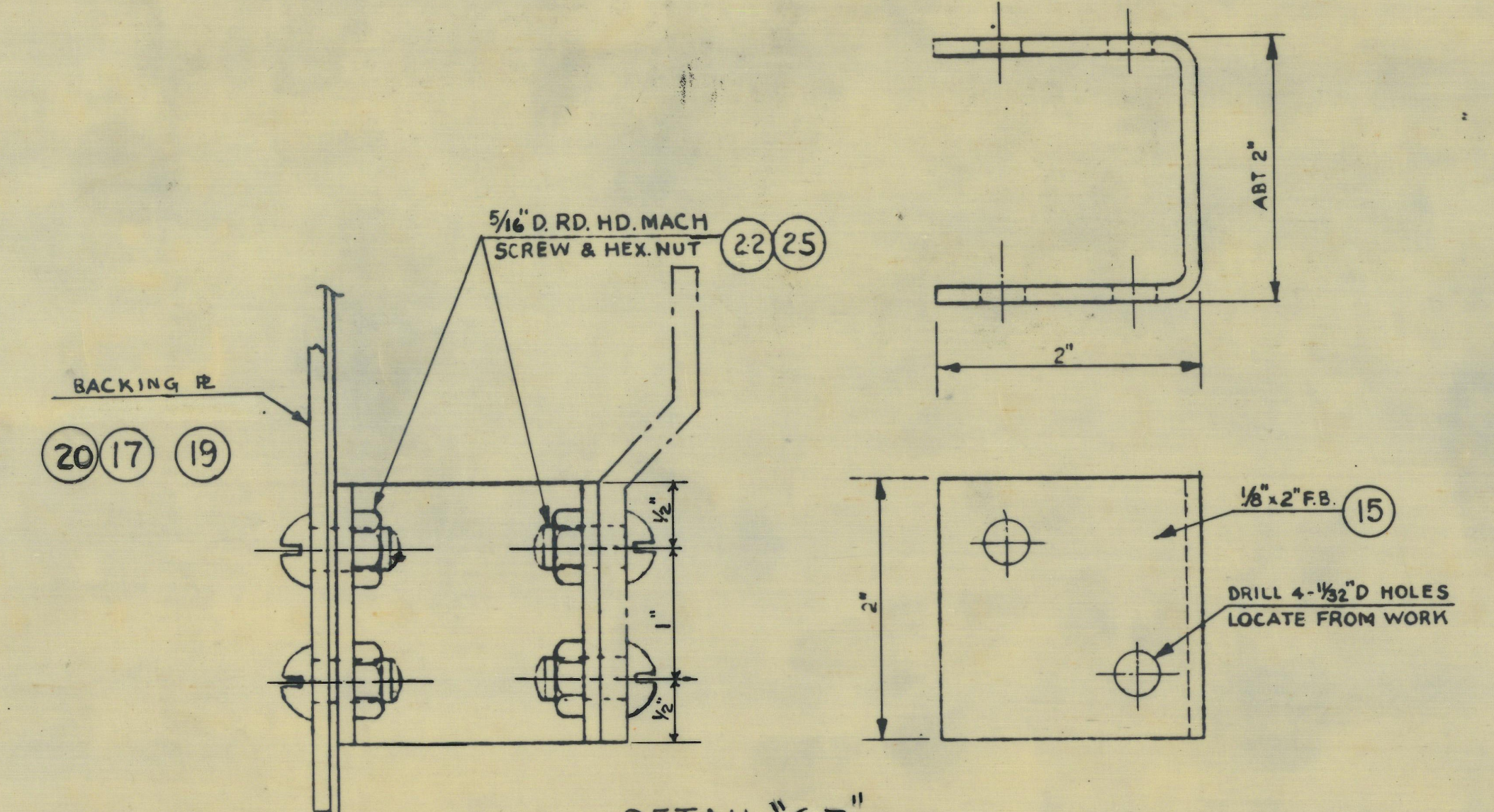
DETAIL "5B"
SUPPORT FOR ORD. BOOK RACK
IN WAY OF STIFFRS. ON BHD' FR 54.
SCALE 6"=1'-0"



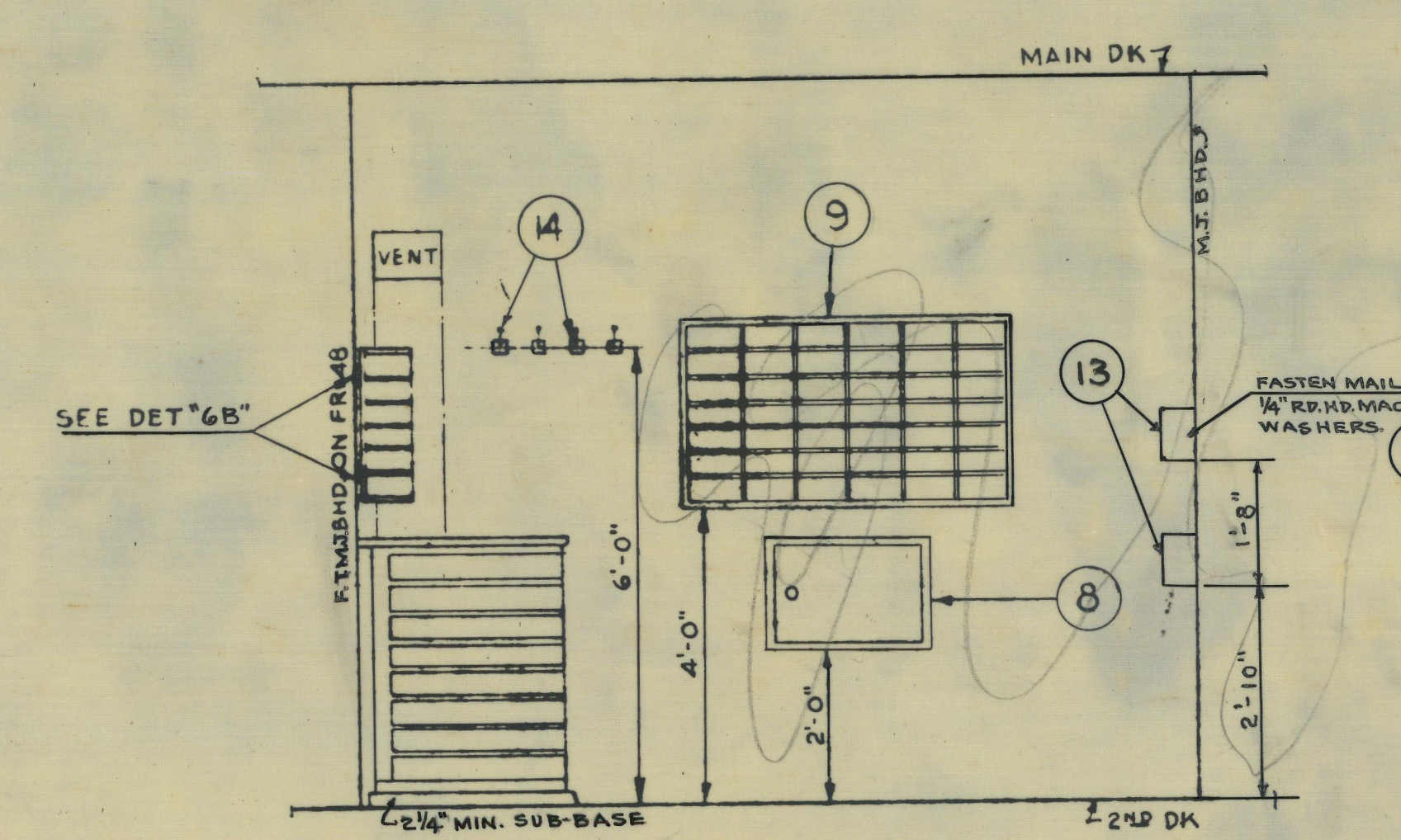
SECTION "4B"
SCALE ½"=1'-0"



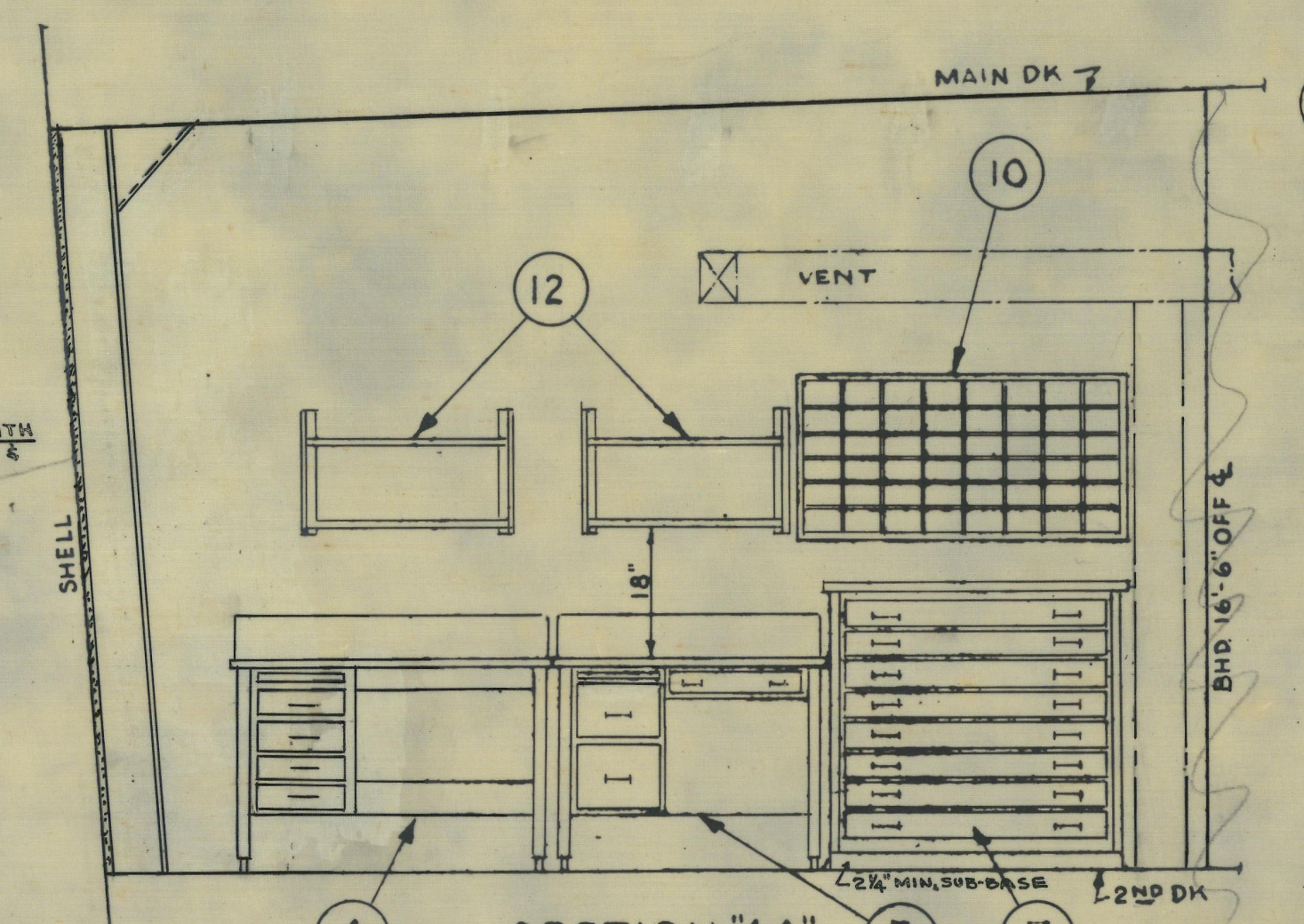
SECTION "3A"
SCALE ½"=1'-0"


5/16" D. RD. HD. MACH SCREW & HEX. NUT
22 25
BACKING R
20 17 19
ABT 2"
2"
1/8"x 2" F.B.
15
DRILL 4-11/32" D HOLES LOCATE FROM WORK
M J BHD

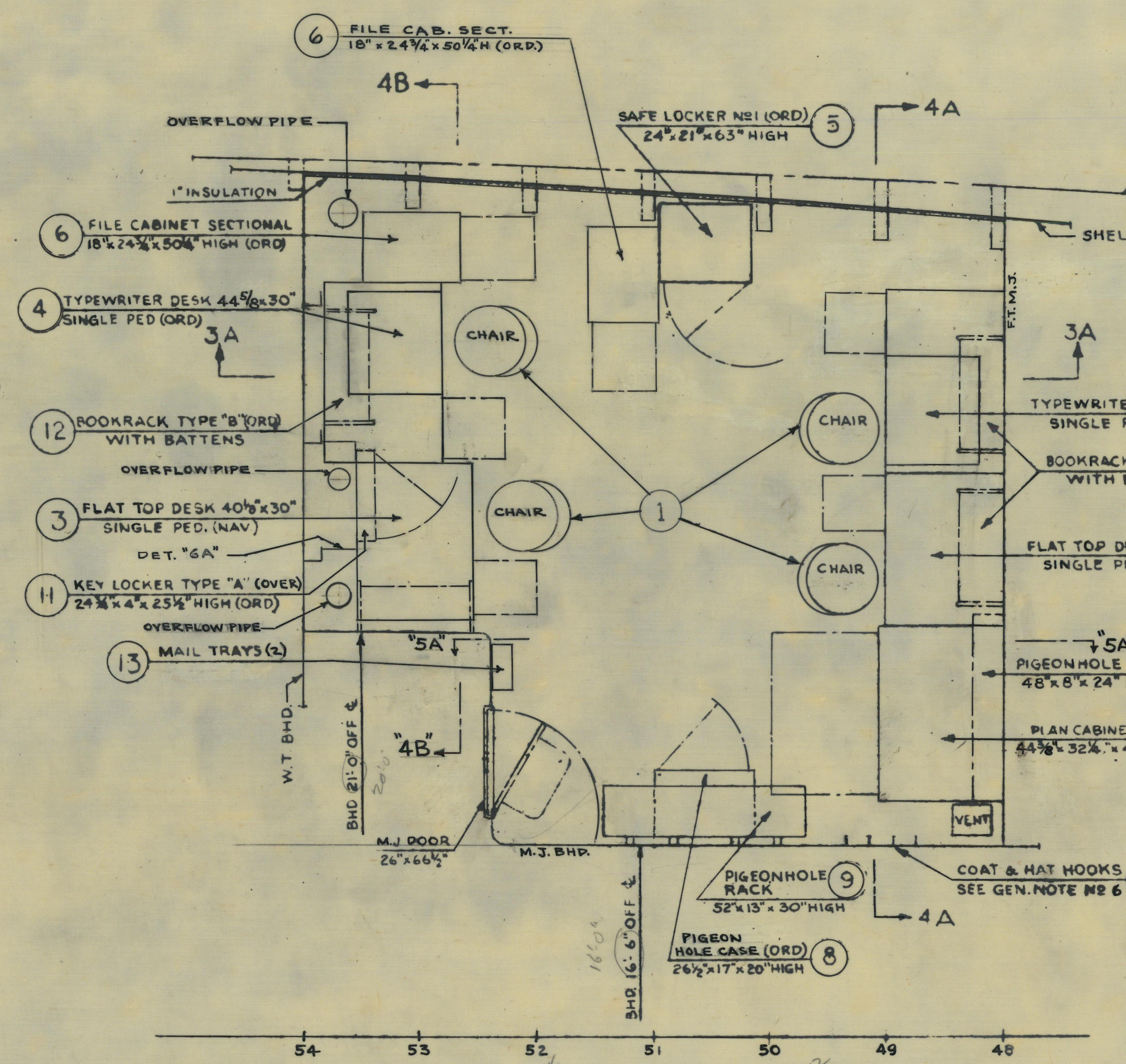
DETAIL "6B"
SUPPORT FOR PIGEONHOLE RACKS
IN WAY OF M.J. BHD. STIFFENERS.
SCALE 12"=1 FT.



SECTION "5A"
SCALE ½"=1'-0"



SECTION "4A"
SCALE ½"=1'-0"


6 FILE CAB. SECT. 18"x 24¾"x 50¼"H (ORD.)
4B
4A
OVERFLOW PIPE
1" INSULATION
SAFE LOCKER Nº1 (ORD) 24"x 21"x 63" HIGH 5
SHELL AT MAIN DK
SHELL AT 2ND DK
6 FILE CABINET SECTIONAL 18"x 24¾"x 50¼" HIGH (ORD)
4 TYPEWRITER DESK 44⅝"x 30" SINGLE PED (ORD)
3A
3A
F.T. M.J.
CHAIR
CHAIR
CHAIR
CHAIR
1
12 BOOKRACK TYPE "B" (ORD) WITH BATTENS
OVERFLOW PIPE
3 FLAT TOP DESK 40⅛"x 30" SINGLE PED. (NAV)
DET. "6A"
11 KEY LOCKER TYPE "A" (OVER) 24⅜"x 4"x 25½" HIGH (ORD)
OVERFLOW PIPE
13 MAIL TRAYS (2)
"5A"
"4B"
W.T. BHD.
BHD 21'-0" OFF ℄
M.J. DOOR 26"x 66½"
M.J. BHD.
TYPEWRITER DESK 44⅝"x 30" SINGLE PED (ORD) 4
BOOKRACK TYPE "B" (ORD) WITH BATTENS 12
FLAT TOP DESK 40⅛"x 30" SINGLE PED (NAV) 3
"5A"
PIGEONHOLE RACK (ORD) 48"x 8"x 24" HIGH 10
PLAN CABINET (ORD) 44⅜"x 32¼"x 40" HIGH 7
VENT
COAT & HAT HOOKS SEE GEN. NOTE Nº 6 14
PIGEONHOLE RACK 9 52"x 13"x 30" HIGH
4A
PIGEON HOLE CASE (ORD) 8 26½"x 17"x 20" HIGH
BHD. 16'-6" OFF ℄
54
53
52
51
50
49
48

PLAN VIEW
SCALE ½"=1'-0"

MATERIAL FOR ONE SHIP

Job Order

PIECE Nº	NAME OF PIECE	NUMBER WANTED	MATERIAL KIND	MATERIAL SPEC'N.	MATERIAL SOURCE	ALLOW TITLE	JOB ORDER	REMARKS	CALC. WTS. UNIT	CALC. WTS. TOTAL	CALC. WTS. GROUP
1	CHAIR.	4	STEEL	26-C-6		TITLE "B"	SEE GEN. NOTE #9				
2											
3	DESK, FLAT TOP, SGL. PED.	2	SHT. STL		Ⓕ			PS Nº80 REF. NO. 3			
4	DESK, TYPEWRITER SGL. PED (26" WELL)	2			Ⓕ			82			
5	SAFE LOCKER Nº 1	1			Ⓕ			185			
6	FILE CABINET SECTIONAL	2			Ⓕ	TITLE "B"	SEE GEN. NOTE #10	47			
7	PLAN CABINET	1			Ⓕ	TITLE "B"		67			
8	PIGEON HOLE CASE	1			Ⓕ			178			
9	PIGEONHOLE CASE	1			Ⓕ			176			
10	PIGEONHOLE CASE	1			Ⓕ			177			
11	KEY LOCKER TYPE "A"	1			Ⓕ			142			
12	BOOKRACK, TYPE "B" WITH BATTENS	4			Ⓕ			29			
13	MAIL TRAY, TYPE "A"	2			Ⓕ	TITLE "B"	SEE GEN. NOTE #11	173			
14	COAT & HAT HOOK	4	STL.	42-H-3							
15	CLIP (FOR PS Nº 8, 9, 10,)	12	M.S.	46-S-1				⅛"x 2" F.B. x 6¼" LG.			
16	CLIP (FOR PS Nº 12)	2	M.S.	46-S-1				3/16"x 2" F.B. x 3'-0" LG			
17	BACKING R (FOR PS Nº 10)	2						x 2" x 21" LG.			
18	BACKING R (FOR PS Nº 12)	6						x 1½" x 18" LG			
19	BACKING R (FOR PS Nº 8)	2						x 2" x 18" LG.			
20	BACKING R (FOR PS Nº 9)	2	M.S.	46-S-1				x 2" x 2'-3" LG.			
21	3/8" RD. HD. MACH. SCREW	16	STEEL ZN COAT	42-S-5				7/8" LG. 16 NC 2			
22	5/16" RD. HD. MACH. SCREW	56						¾" LG. 18 NC 2			
23	¼" RD. HD. MACH SCREW	8						½" LG. 20 NC 2			
24	3/8" HEX. NUT	16						16 NC 2			
25	5/16" HEX. NUT	56						18 NC 2			
26	¼" HEX. NUT	8						20 NC 2			
27	¼" D. STD WASHER	8		43-W-1							
28	CLIP (FOR PC. NO. 11) L.H.	2	M.W. STL	46-S-1 INT.				⅛"x 2" F.B. x 13" LG.			
29	R.H.	2									

26½ x 17 x 20

GENERAL NOTES

1. 2ND DECK HAS SHEER BUT NO CAMBER
2. EXACT LOCATION OF LIGHT FIXTURES, OUTLETS, ACCESSORIES & I.C. FIXTURES TO BE DETERMINED WITH RESPECT TO THE GENERAL ARRANGEMENT OF FURNITURE.
3. ALL FURNITURE TO SET LEVEL WITH 2¼" MIN. HT OF SUB-BASE. LEGS OF DESKS TO BE ADJUSTED SO THAT HT FROM DK. TO CENTER TOP OF DESK IS 30½".
4. ALL METAL FURNITURE TO BE MADE IN SECTIONS FOR PASSING THRU 26"x 66" DOOR OPENINGS; AND TO CONFORM WITH NAVY DEPT. SPEC (LATEST) AND LATEST NORFOLK PLANS
5. WORKING SURFACES OF ALL DRAWER RUNNERS TO BE GIVEN A COAT OF LIQUID PARAFFIN AFTER FINAL ASSEMBLY.
6. PS Nº 14 TO BE LOCATED TO SUIT SHIP SUP'T.
7. DETAILS FOR SECURING SAFE LOCKER PS Nº 5 SHOWN ON REF. PLAN Nº 5.
8. ITEMS MARKED Ⓕ IN B/M ARE ORDERED ON FURNITURE LIST REF. PLAN Nº 4.
9. JOB ORDER NO. FOR PC. NOS. 1 = (1039-A-0000-10 FOR AGC7 ONLY)
10. JOB ORDER NO. FOR PC. NOS. 6 & 7 = (1039-A-0000-18 FOR AGC7 ONLY)
11. JOB ORDER NO. FOR PC. NO. 13 = (1039-A-0000-19 FOR AGC7 ONLY)

REFERENCES:-

AGC 7-14

1. 2ND DECK COMPT. & ACCESS — AGC7-S1601-489191
2. 2ND DECK GEN. ARRG'T. — AGC7-S3301-489235
3. LIST OF METAL FURNITURE — AGC7-S3209-489228
4. SAFE & SAFE LOCKER FOUNDATIONS — AGC1-3209-3
5. PAINTING SCHEDULE — AGC7-S1901-489203
6. INSULATION — AGC7-S3901-489322
7. S.T. & A.E. 2ND PL & ABV & SECTIONS — AGC7-S4809-103714

103722

Vent 3801-496140

SUBSTITUTIONS FOR CRITICAL MATERIALS
ON THE BASIS OF TIME AND AVAILABILITY
HAVE BEEN MADE WHEREVER FEASIBLE.

ALTERATIONS

No.	PANEL No	DESCRIPTION	APPROVED	DATE	B/M AFFEC'D

SPACE ABOVE LINE TO BE LEFT CLEAR

NAMES & NUMBERS OF APPLICABLE VESSELS	NAMES OF BUILDING YARDS
AGC 14	NEW YORK AREA
AGC 13	
AGC 12	
AGC 11	
AGC 10	
AGC 9	NORFOLK NAVY YD
AGC 8	BOSTON NAVY YD.
AGC 7	PHILA. NAVY YD.

NAME ADDRESS & PLAN No. OF OTHER CONTRACTORS OR SUB-CONTRACTORS

PHILADELPHIA NAVY YARD
INDUSTRIAL DEPARTMENT

HULL PLAN

SCALE AS NOTED = 1 FT.		SQUAD LEADER G.W. Winquist NAVAL ARCH.	DATE 1/15/44
DRAWN BY F.M. TRETOLA	DATE 1/14/44	GROUP SUPERVISOR SENIOR NAVAL ARCH	1/15/44
TRACED BY		SECTION SUPERVISOR R. B. Cowell PRINCIPAL NAVAL ARCH.	1/15/44
CHECKED BY H. F. Ulmer	1/15/44	for C. Lissenden HEAD NAVAL ARCH.	1/15/44

APPROVED
DATE 1/15/44
for: W.W. Keller
DESIGN SUPERINTENDENT
Lt. Comdr. USN

SATISFACTORY TO

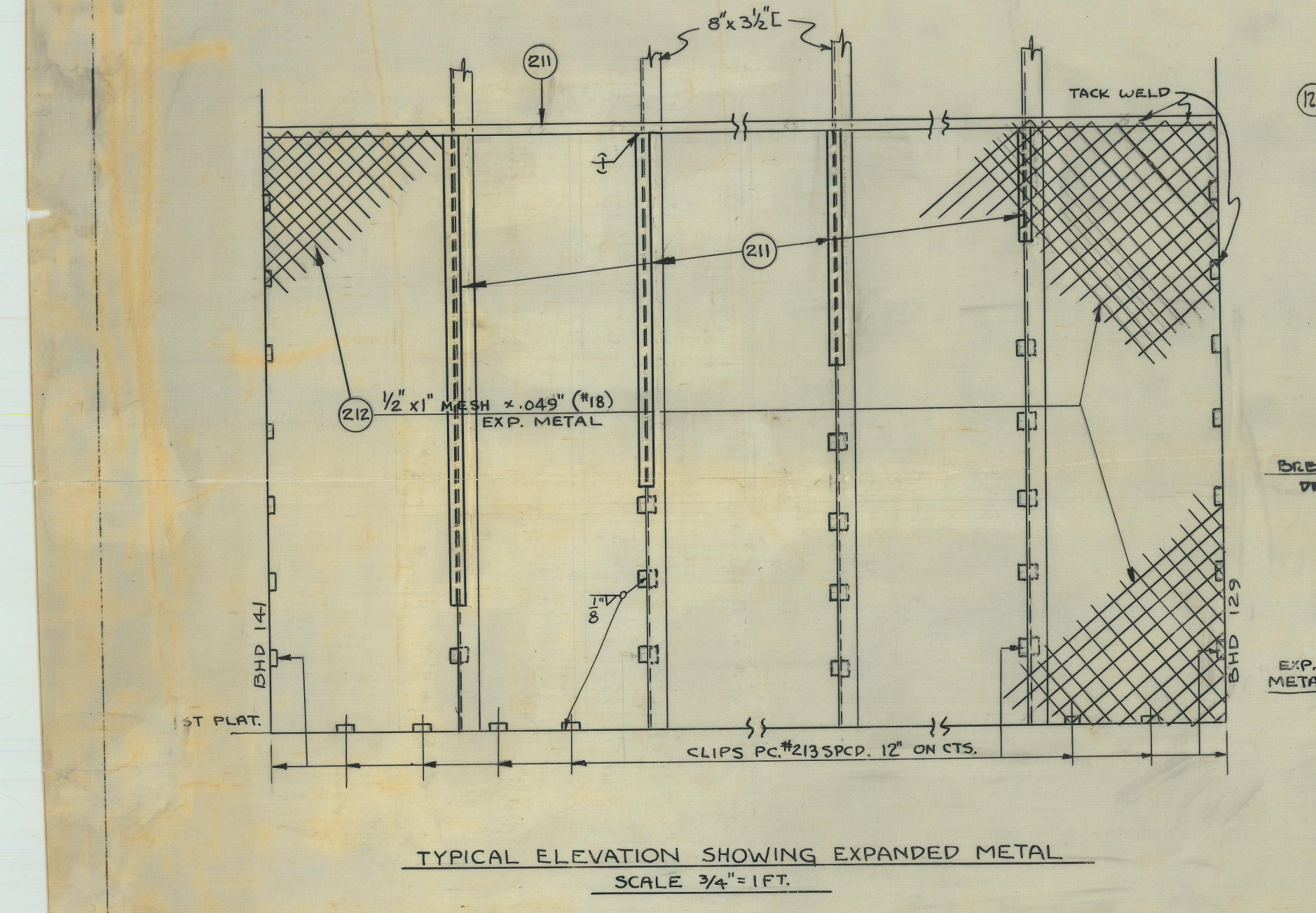
APPROVED
BUREAU OF
LETTER

PLAN
EXAMINED AND FOUND CORRECT
DATE
DESIGN SUPERINTENDENT.

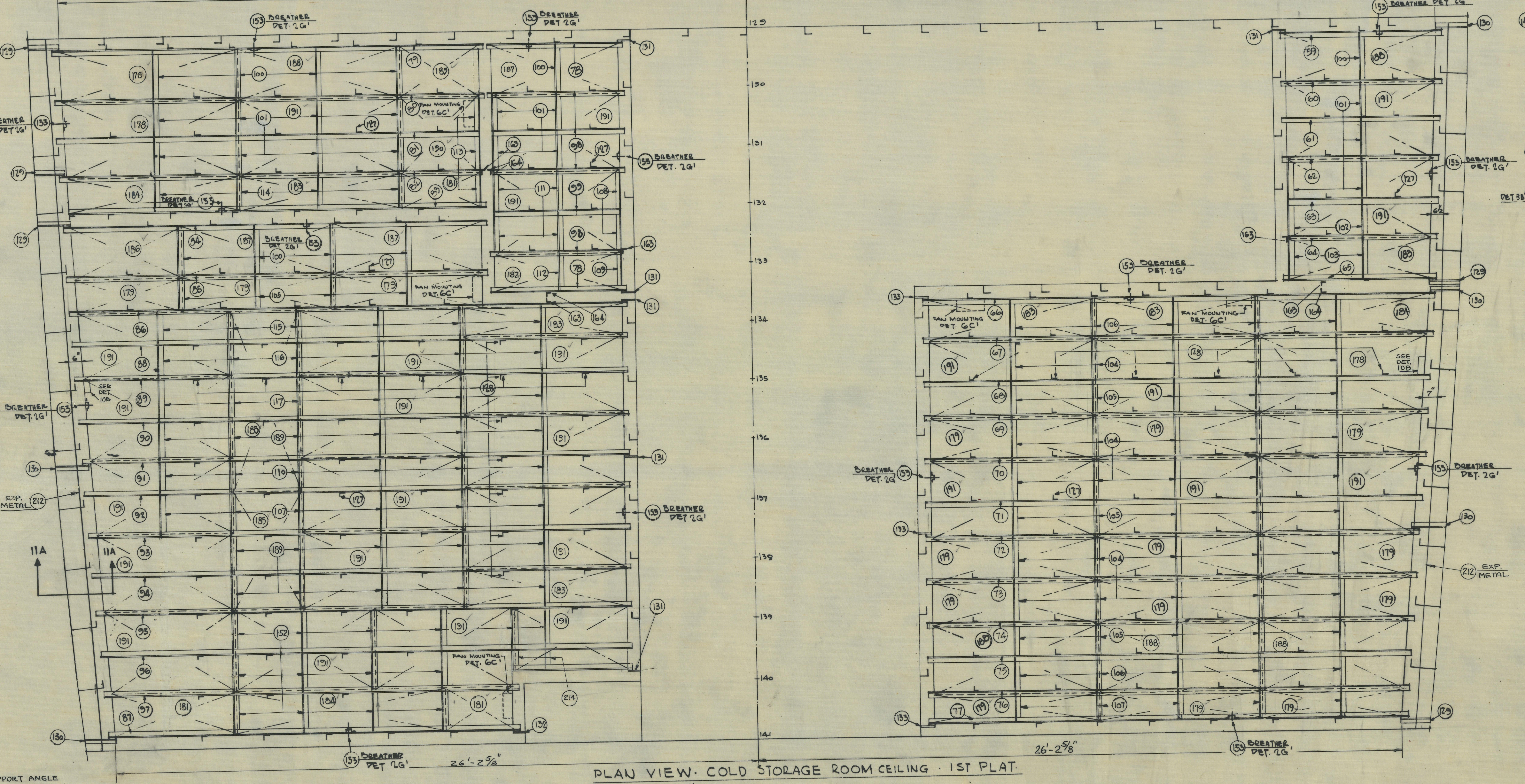
TITLE
OFFICE & OFFICE EQUIP.
NAVIGATOR'S & GUNNERY OFFICE
ARRANGEMENT & DETAILS
2ND DECK FRS 48-54 PORT

BUREU OF SHIPS PLAN NUMBER

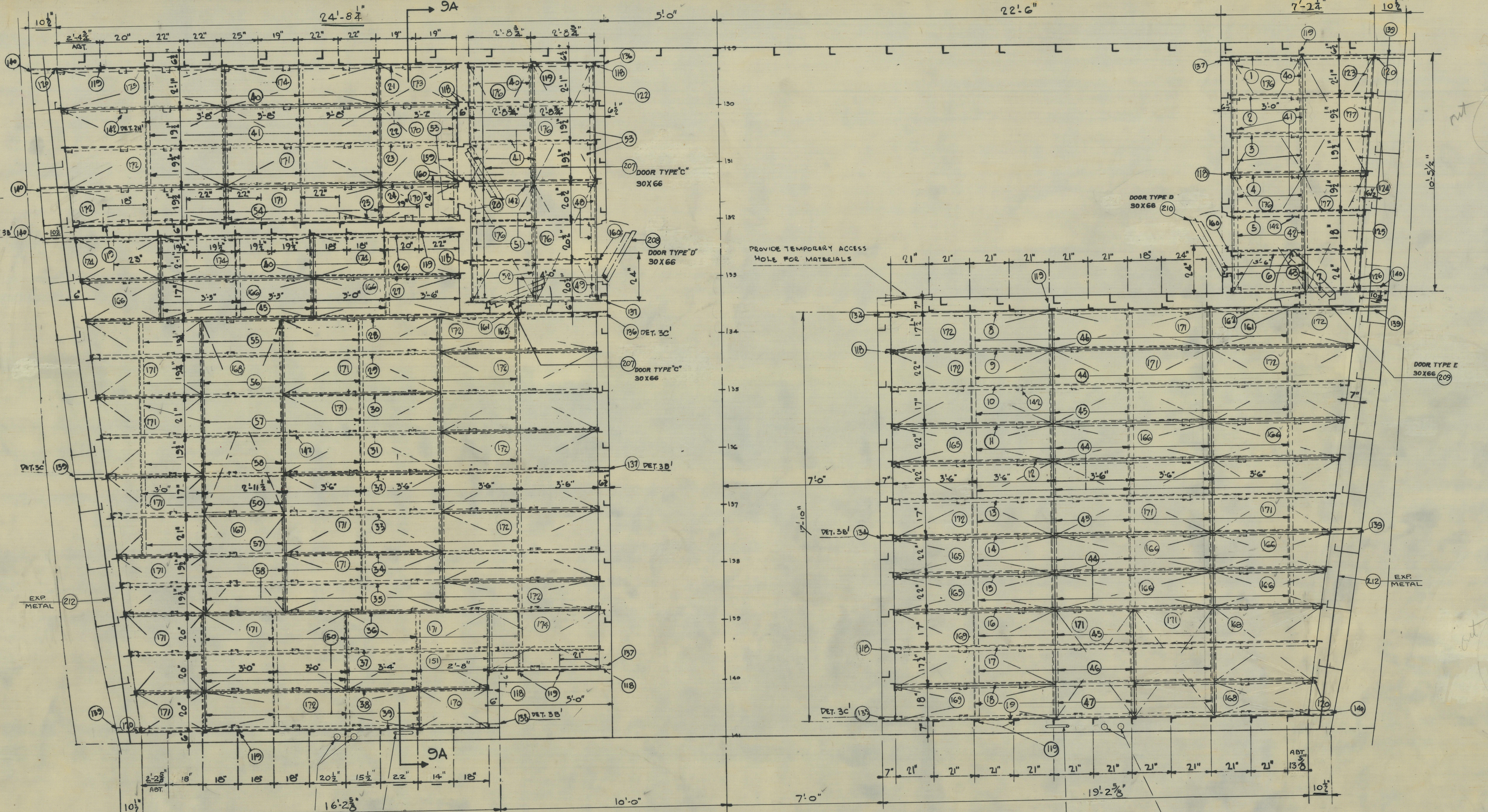
AGC7-S3201-489218 ALT.



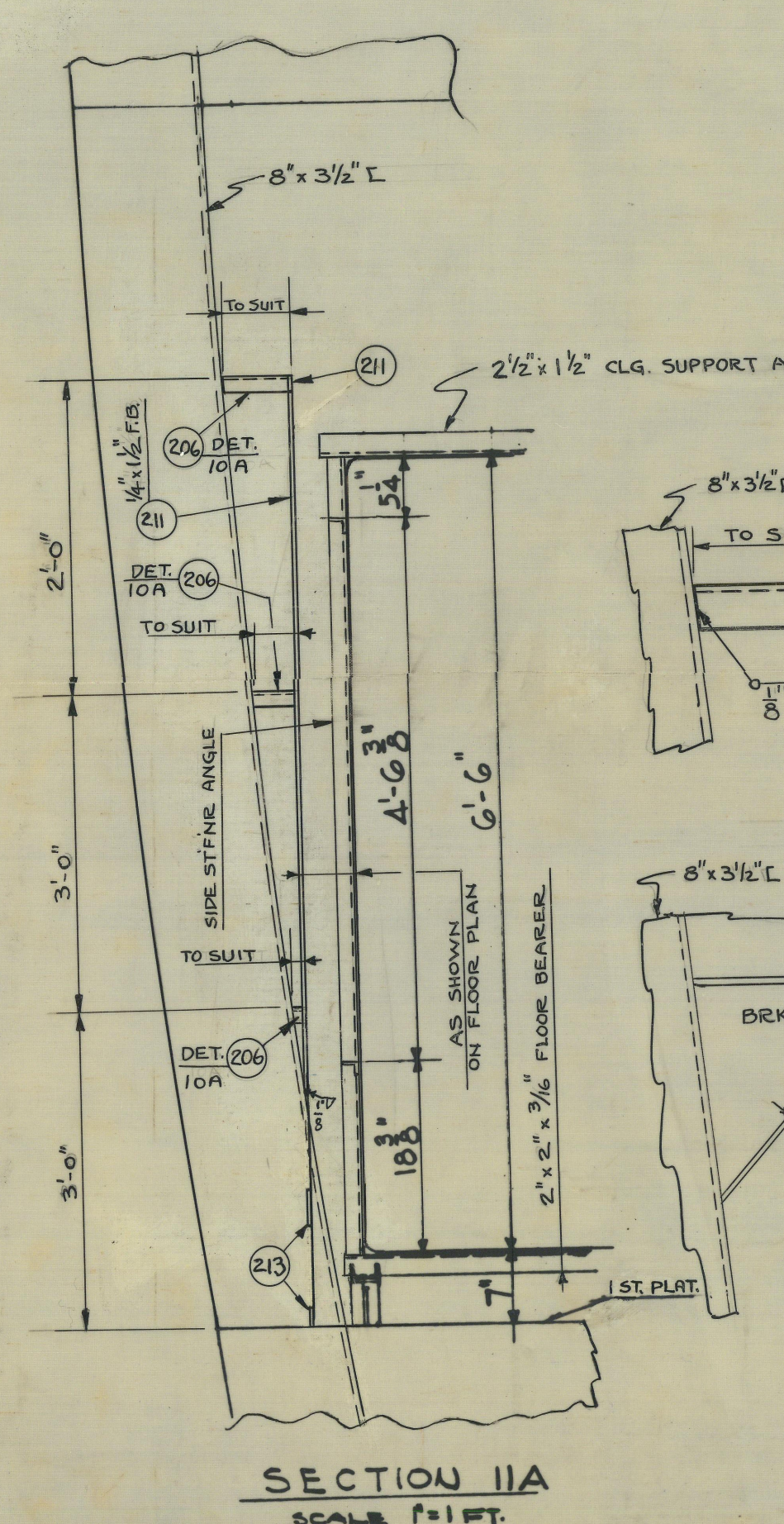
TYPICAL ELEVATION SHOWING EXPANDED METAL
SCALE ¾"=1FT.



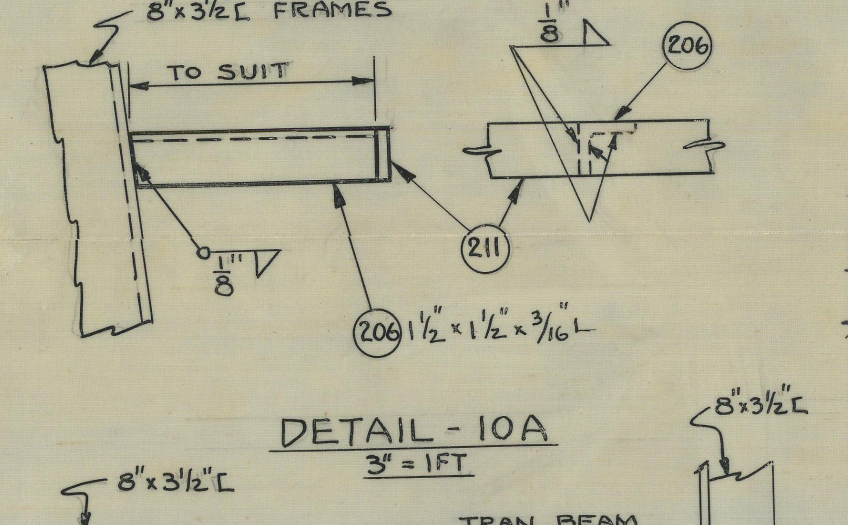
PLAN VIEW · COLD STORAGE ROOM CEILING · 1ST PLAT.
SCALE · ½" = 1FT.



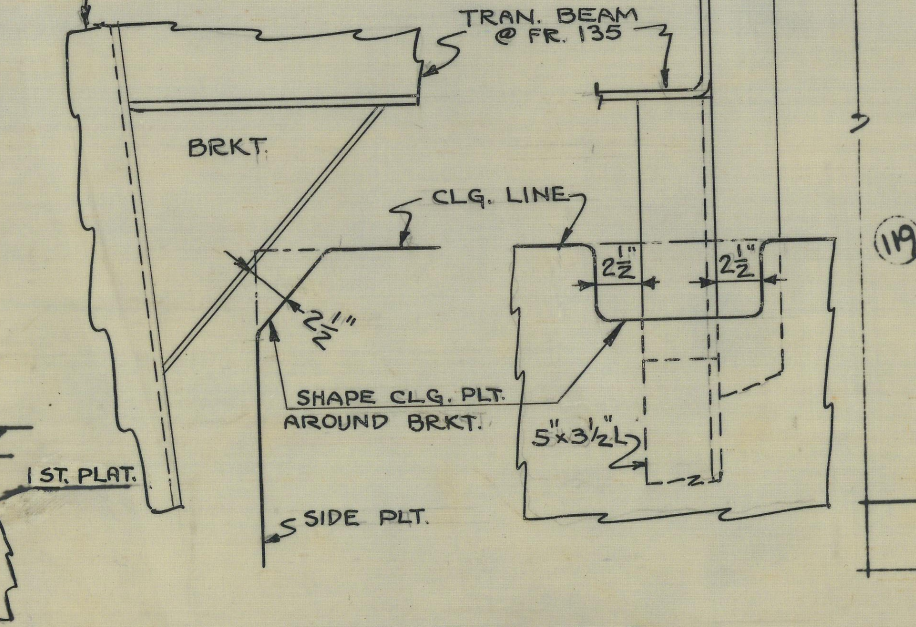
PLAN VIEW · COLD STORAGE ROOM FLOORS · 1ST PLAT.
SCALE ½" = 1FT.



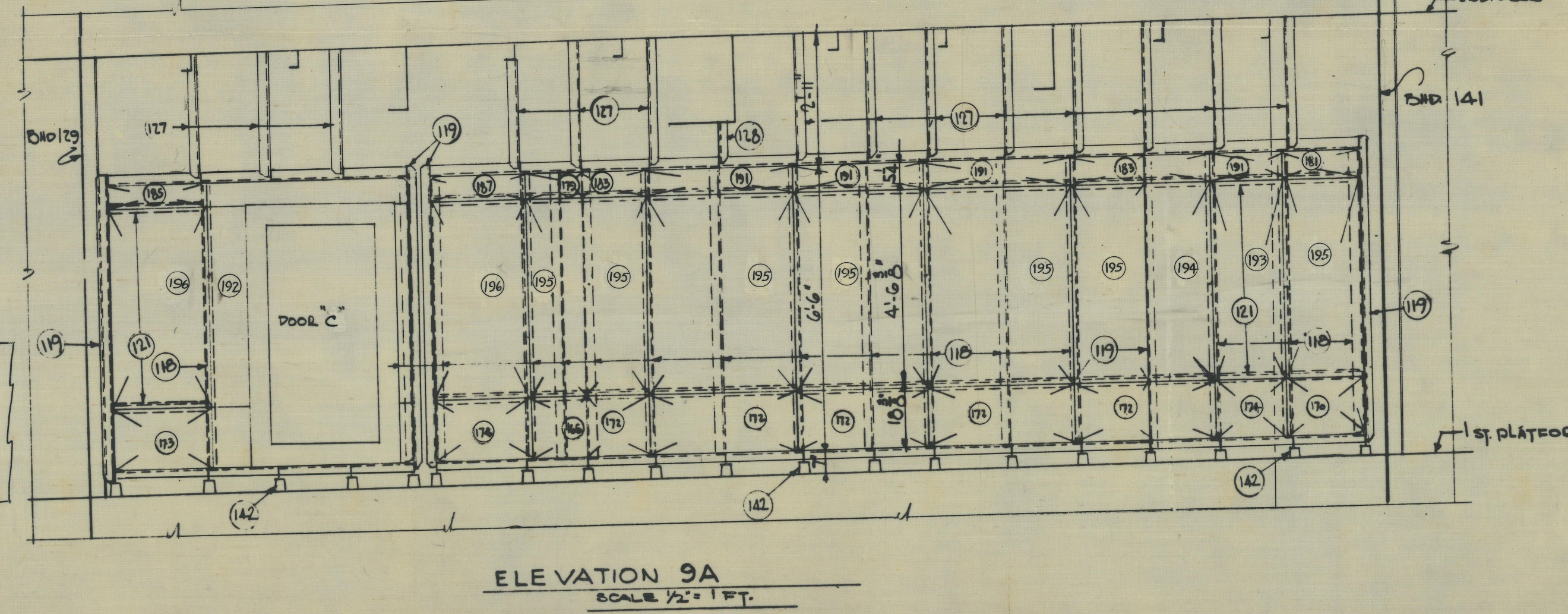
SECTION 11A
SCALE 1"=1FT.



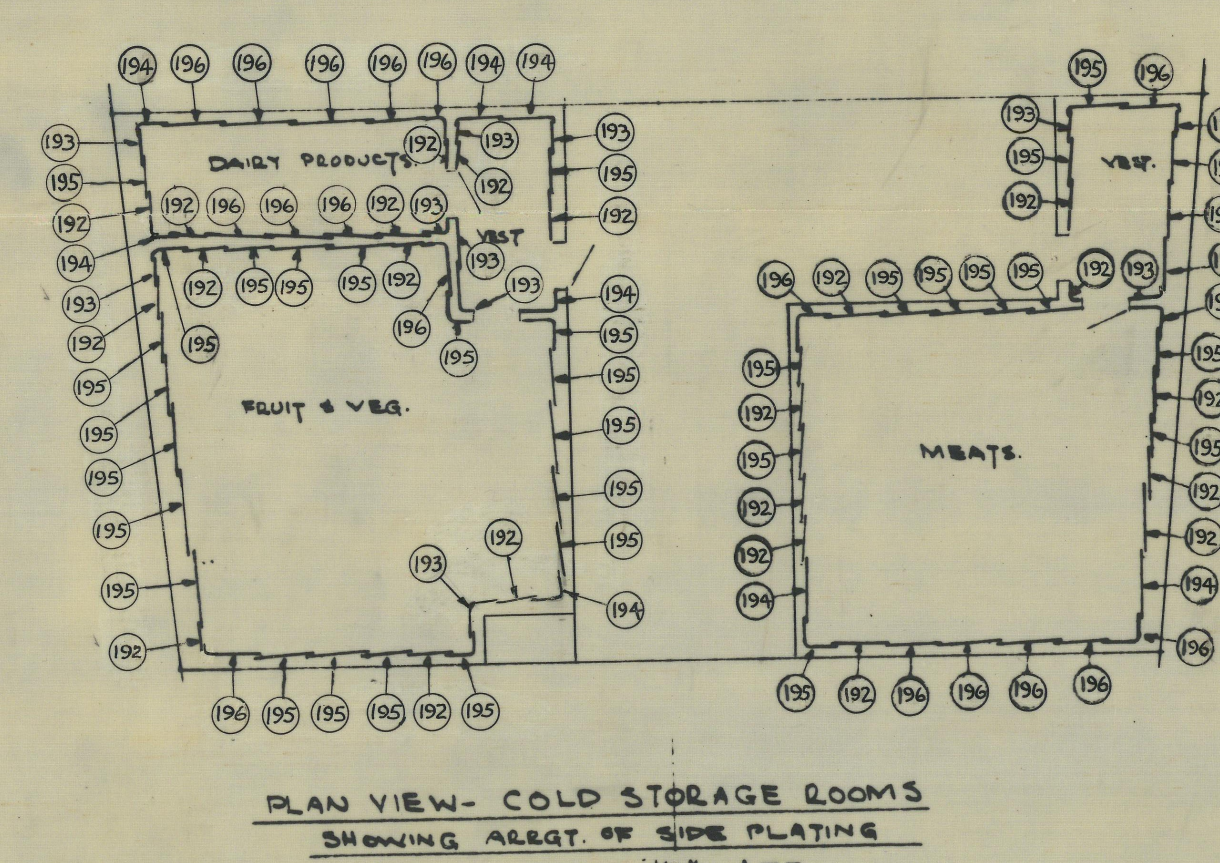
DETAIL - 10A
3" = 1FT.



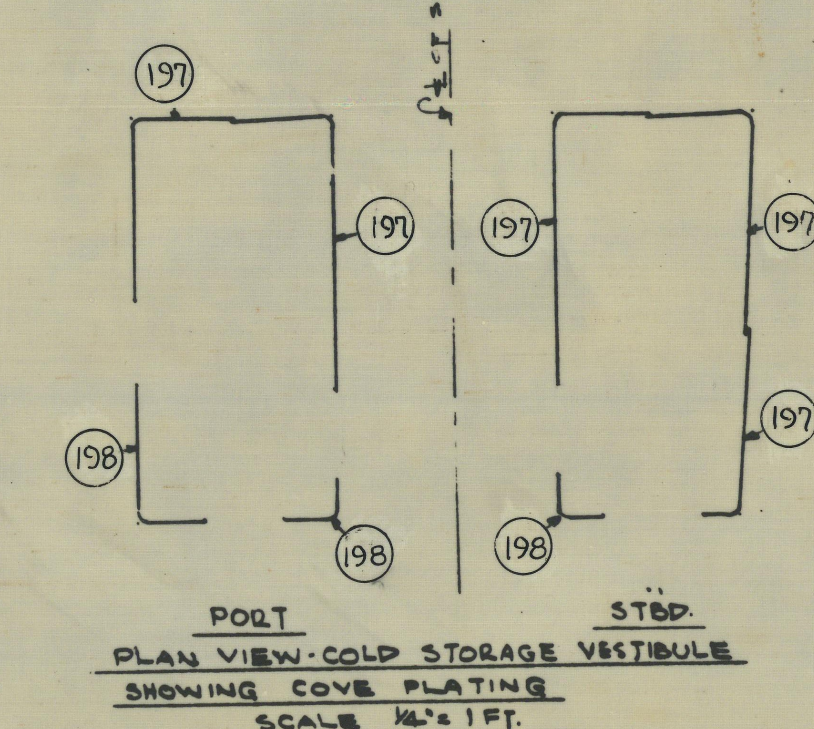
DETAIL - 10B
1½" = 1FT.



ELEVATION 9A
SCALE ½" = 1FT.



PLAN VIEW - COLD STORAGE ROOMS
SHOWING ARRGT. OF SIDE PLATING
SCALE 1/8" = 1FT.



PORT
STBD.

PLAN VIEW · COLD STORAGE VESTIBULE
SHOWING COVE PLATING
SCALE ¼" = 1FT.

GENERAL NOTES

1. INSULATION SHALL BE OF FIBROUS GLASS.
2. THICKNESS OF INSULATION AS FOLLOWS. out

5" INSULATION;	2 - 2" BAT	2 - 3" BAT	COMPRESSED TO REQ. THICKNESS.	
6"	"	4 - 3" "	"	"
6½"	2 - 2" "	3 - 3" BAT	"	"
7"	1 - 2" "	4 - 3" BAT	"	"
4"	1 - 2" "	2 - 3" "	"	"

3. GALVANIZING IN WAY OF WELDS ON FLOOR BEARER & SIDE STIFFENER ANGLES SHALL BE REMOVED BEFORE WELDING FLOOR PLATE TO ANGLES.
4. THE DECK & SIDE, FOR 12" UP ON SHIPS STRUCTURE TO HAVE ONE COAT OF BITUMINOUS SOLUTION AND ONE COAT OF BITUMINOUS ENAMEL 1/8" THK. AFTER COMPLETION OF ALL WELDING OF ATTACHMENTS.
5. THERMOMETER TO BE INSTALLED IN EACH COMPARTMENT BY THE ENG. DIVISION.
6. ALL STUFFING BOXES FOR PIPES, THERMOMETER LEADS ETC. TO BE INSTALLED BEFORE FIBROUS GLASS INSULATION OR SHEATHING IS INSTALLED.
7. ALL MED. STL. MAT'L. IN BACK OF SHEATHING TO BE MADE FROM GALV. MAT'L. AND MED. STL. MAT'L. IN FRONT OF SHEATHING TO BE GALV. AFTER FABRICATION.
8. HOLES FOR BOLTS FITTED WITH FERRULES TO BE ABOUT 1/16" LARGER IN DIA. THAN FERRULE TO ALLOW FOR EXPANSION & CONTRACTION.
9. ALL SUPPORTING STRUCTURE FOR SHEATHING TO BE INSTALLED FROM SHIPS STRUCTURE WITH ASBESTOS LINERS.
10. FERRULES ARE TO BE FITTED BEFORE PLACING IN POSITION AND ARE TO BE KEPT HARD UP UNDER WASHER UNDER HEAD OR BOLT. CUT FERRULES ABT. 1/16" SHORT OF THICKNESS OF STRUCTURE AND ASBESTOS INSULATION TO BE CONNECTED.
11. TEMPLATE WORK FROM SHIP.
12. ALL DOUBLING PLATES, STIFFENERS, OR SUPPORTS FOR ELECTRICAL FITTINGS TO BE INSTALLED BEFORE INSULATION AND SHEATHING ARE INSTALLED.
13. SHEATHING ON FLOOR, SIDE & CEILING OF EACH ROOM NOT TO BE PERMANENTLY SECURED UNTIL BRACKETS AND PORTABLE BATTENS FOR COOLING COILS HAVE BEEN FITTED IN PLACE.
14. THICKNESS OF INSULATION FOR PARTITIONS AND SURROUNDING STRUCTURAL BULKHEADS TO BE AS NOTED IN PLAN VIEW. INSULATION ON DECK TO BE KEPT 7" THRU OUT. INSULATION ON CEILING TO BE SAME THICKNESS REQUIRED FOR PARTITIONS, EXCEPT IN VESTIBULE WHERE CEILING INSULATION IS TO BE 5" THK.
15. INSULATION TO BE TESTED TO ? OZ. PRESSURE. AIR PRESSURE TO BE APPLIED FOR TEST TO BE LET IN GRADUALLY TO AVOID BUNCHING OF FIBROUS GLASS.
16. FIBROUS GLASS BATS FOR AGC7 (ONLY), PCS. NO. 199 & 200 ON THIS DRAWING AND PCS. NO. 46 & 47 ON DWG. AGC1-3901-7 ARE REQUISITIONED ON 5339/44 BU. S. & A. CONTR. NO. NXSS-28674, ORD. #8.

REFERENCES

out

		PHILA. NO.	BU. SHIPS. NO.
1.	GENERAL ARRANGEMENTS C & A	—	AGC7-S1601-489190
2.	INSULATION COLD STORAGE ROOM DETAILS SHEET	1AGC1-3901-5	611542
3			
4	GRATINGS IN COLD STORAGE ROOMS.	—	AGC7-S1401-489370
5.			
6	BRACKETS FOR C.S. COILS	—	AGC7-S3901-489539
7.	INSULATION UNEXPOSED FILM STORAGE ROOM	AGC1-3901-7	611 544
8.	DETAIL OF DOORS	S1602-95711	
9.	" " "	S1602-98016	

SUBSTITUTIONS FOR CRITICAL MATERIALS
ON THE BASIS OF TIME AND AVAILABILITY
HAVE BEEN MADE WHEREVER FEASIBLE. SJ

MATERIAL FOR ONE SHIP

Job Order FOR AGC-7 ONLY 1039-A-3901

PIECE NO.	NAME OF PIECE	NO WANTED	DET NO.	MATL & MATL SPECS	REMARKS
171	FLOOR PLATING	20	PLAN VIEW	SH STL. GALV. 47-S-29	.078" × 42" × 96"
172		13			× 42" × 120"
173		1			× 48" × 60"
174		5			× 48" × 96"
175		1			× 48" × 120"
176	DIAMOND PATTERN FLOOR PLATE	6	2E'	STL. GALV. 47-S-18	3/16" × 36" × 72"
177		2			× 24" × 72"
178	CLG PLATING	3	PLAN VIEW	SH ST. GALV. 47-S-29	.031" × 42" × 120"
179		15			× 24" × 96"
180	FLG PLATE	282	2H'	M STL GALV 46-S-1	3/16" × 4" FB. 6 3/8" ABT
181	CLG PLATING	3	PLAN VIEW	SH ST. GALV 47-S-29	.031" × 30" × 60"
182		1			× 30" × 84"
183		6			× 30" × 96"
184		3			× 30" × 120"
185		2			× 36" × 60"
186		1			× 36" × 72"
187		3			× 36" × 84"
188		6			× 36" × 96"
189	CLG. SUPPORT ANGLE (INTERCOSTAL)	16		M.S. GALV. 46-S-1	2½" × 1½" × 3/16" L × 19 5/16"
190	CLG PLATING	1		SHT. STL. GALV 47-S-29	.031" × 42" × 60"
191		25			× 42" × 96"
192	SIDE PLATING	22	5C'		× 24" × 60"
193		12			× 30" × 60"
194		8			× 36" × 60"
195		34			× 42" × 60"
196		18			× 48" × 60"
197	COVE PLATING	5	—		.078" × 24" × 120"
198		3	—		× 24" × 60"
199	FIBROUS GL. BAT 2" THK.	480	—	F.G. INSU 32-G-2	BATS 24" × 48"
200	3" THK.	2150	—		
201	FAN MOUNTING	5	6C'	M ST GALV 48-S-5	5# PL. × 14" LENGTH TO SUIT
202	STUD BOLT	15		STL GALV 43-B-11	TO SUIT FAN BASE
203	F.H. BOLT & NUT	15		STEEL GAL 43-B-11	FOR PC # 202
204	SLEEVE GALV.	2	7A'	M ST. 48-S-5	10.2# PL. × 7½" × 18½" FORM CYL. 5½" O.D.
205	SLEEVE FLANGE	2	7A'	"	10.2# PL. × 6 1/16" O.D. × 5 13/16" I.D.
206	BRACKET	50 LIN. FT.	11A	M.S. TYPE 46-S-1 "B"	1½" × 1½" × 3/16" L CUT TO SUIT
207	DOOR & FRAME AS SHOWN COMP. TYPE C	2	—	—	DETAILED S1602-95711 S1602-98016 F.T.
208	OPP. HAND D	1	—	—	A.T.
209	OPP. HAND E	1	—	—	F.T.
210	AS SHOWN D	1	—	—	A.T.
211	CAPPING BAR	150 LIN. FT.	11A	M.S. TYPE 46-S-1 "B"	¼" × 1½" F.B. CUT TO SUIT
212	EXPANDED METAL	576 SQ FT	—	STL. GALV. 47-M-1	½" × 1" × .049 (#18)
213	FLAT BAR CLIPS	150 LIN. FT.	TYP. ELEV.	M.S. TYPE 46-S-1 "B"	¼" × 1½" F.B. × 4" LG
214	CLG. SUPPORT ANGLES (INTERCOSTAL)	2	2C'	M.S. GALV. 46-S-1	2½" × 1½" × 3/16" L × 9 13/16"

MATERIAL FOR ONE SHIP

Job Order FOR AGC-7 ONLY 1039-A-3901

PIECE NO	NAME OF PIECE	NO WANTED	DET NO.	MATL. & MATL. SPECS	REMARKS
1 TO 7	FLOOR SUPPORT ANGLES	45 LIN FT	PLAN VIEW	M.ST GALV 46-S-1	2" × 2" × 3/16" L CUT TO SUIT
8 TO 19		160 LIN. FT.			
20		7			5'-11½"
21 TO 25		100 LIN FT			CUT TO SUIT
26 TO 39		330 LIN FT			
40	FLOOR SUPPORT ANGLES (INTERCOSTAL)	12	3D'		2'-0 13/16"
41		18			19 3/16"
42		2			17 13/16"
43		2			23 5/8"
44		25			21 13/16"
45		18			16 13/16"
46		9			17 5/16"
47		4			17 5/8"
48		2			20 5/16"
49		1			20 1/8"
50		5			16 13/16"
51		4			20 5/16"
52		2			20 1/8"
53		3			19 5/16"
54		4			19 1/8"
55		5			18 7/8"
56		5			19 1/16"
57		10			20 13/16"
58		15			19 3/16"
59 TO 65	CLG SUPPORT ANGLES	50 LIN FT	PLAN VIEW		2½" × 1½" × 3/16" L CUT TO SUIT
66 TO 77		270 LIN FT			
78		3			5'-11½"
79 TO 83		105 LIN FT.			CUT TO SUIT
84 TO 97		350 LIN FT.			
98		2			5'-8¼"
99		1			5'-5 1/8"
100	CLG SUPPORT ANGLES (INTERCOSTAL)	10	2C'		2'-0 13/16"
101		16			19 5/16"
102		2			17 13/16"
103		2			23 13/16"
104		25			21 13/16"
105		19			16 13/16"
106		10			17 5/16"
107		11			17 5/8"
108		2			20 5/16"
109		1			20 1/8"
110		6			16 13/16"
111		4			20 5/16"
112		1			20 1/8"
113		3			19 5/16"
114		4			19 1/8"
115		6			18 7/8"
116		6			19 1/16"
117		6			20 13/16"
118	SIDE STIFFENER ANGLES	44	5C'		6'-6"
119		60			6'-10"
120		37			7'-0" CUT TO SUIT
121	BACKING ANGLES	630 LIN FT.			1½" × 1½" × 3/16" L CUT TO SUIT
122	FLOOR SUPPORT ANGLES (INTERCOSTAL)	1	3D'		2" × 2" × 3/16" L 2'-0 13/16"
123		1			2'-2" ABT
124		3			20½" "
125		1			19" "
126		1			2'-1" "
127	CLG SUPPORT ANGLES	136	PLAN VIEW		1½" × 1½" × 3/16" L 2'-10¼"
128		18			10¼"
129	BRACKET	5	2D'		14½"
130		5			14½"
131		6			1½" × ¼" FB 5½"
132		1			5"
133		3			6"
134	FLANGED PLATE GALV.	2	3B-3C'	M. STL 48-S-5	7.65# PL. × 6½" × 8 7/8"
135		1			
136		2			× 8 3/8"
137		4			
138		[illegible]			7 7/8"
139		5			16 3/8"
140		5			16 3/8"
141	TILTING BRACKET	302	2H'	M.ST. GALV. 46-S-1	3" × 3/16" FB × 4 3/8 ABT.
142	SUPPORT CHANNEL	302			1¾" × 3/16" FB × 6 5/8"
143	HEX HD BOLT & NUT	850		STL GALV 43-B-11	½" D 13NC2 1¾" LG.
144	STD. WASHER	1700		STL. GALV. 43-W-1	FOR PC # 143
145	ASBESTOS WASHER	850		ASBESTOS 32-M-1	13/16" I.D × 1 7/8" O.D. × 1/8" THK FOR PC # 143
146	ASBESTOS LINER	350			¼" × 1¾" × 3 5/8" LG FOR PC # 143
147	FERRULE	850		PHENOLIC 17-B-5	17/32" I.D. × ¾" O.D. × 1 1/16" LG TYPE FBH, FORM TF FOR PC # 143
148	ASBESTOS LINER	30		ASBESTOS 32-M-1	¼" × 1 7/8" × 1 7/8"
149	SEAM STRAP	65	5D'	SH ST. GALV. 47-S-29	.078 × 1½" × 2" LG. ABT.
150	FLOOR SUPPORT ANGLES (INTERCOSTAL)	14	3D'	M.S. GALV. 46-S-1	2" × 2" × 3/16" L × 19 13/16"
151		2			× 9 13/16"
152	CLG.	14	2C'		2½" × 1½" × 3/16" L × 19 13/16"
153	BREATHER	15	2G'	M ST GALV 46-S-1	2 1/8" D. × 13/16" THK. ROD
154	SCREEN	15		BRASS 42-C-12	1½" D. ABT. 100 MESH
155	DOUBLING PLATE	15		SH ST GALV. 47-S-29	.078 × 3½" × 3½"
156	PIPE PLUG	15		BRASS 45-F-7	1¼" STD. PIPE PLUG
157	STUD	1300	5B'	M ST. GALV. 46-S-1	3/16" D. ROD. 8" LG CUT TO SUIT
158	MACH. SCREWS	25 GROSS	5C'	STL. GALV 42-S-5	10-24 R.H. ½" LG.
159	DOOR SILL STIFFENING ANGLE	1	4A'	M.ST. GALV. 46-S-1	2½" × 1½" × 3/16" L 3" LG.
160		3			5½"
161		2	6B'		4¾"
162		2			7¼"
163	DOOR HEAD	5	6A'		14"
164		3			11½"
165	FLOOR PLATING	3	PLAN VIEW	SH ST. GALV. 47-S-29	.078" × 24" × 120"
166		9			× 24" × 96"
167		1			× 36" × 60"
168		3			× 36" × 96"
169		2			× 36" × 120"
170		3			× 42" × 60"

ALTERATIONS

NO.	PANEL NO.	DESCRIPTION	APPROVED	DATE	B/M AFFEC'D

NAMES & NUMBERS OF APPLICABLE VESSELS	NAMES OF BUILDING YARDS
AGC 14 AGC 13 AGC 12 AGC 11 AGC 10	NEW YORK AREA
AGC 9	NORFOLK NAVY YARD
AGC 8	BOSTON NAVY YARD
AGC 7	PHILA. NAVY YARD

NAME, ADDRESS AND PLAN NO. OF OTHER CONTRACTORS OR SUB-CONTRACTORS

PHILADELPHIA NAVY YARD
INDUSTRIAL DEPARTMENT

HULL PLAN

SCALE AS NOTED = 1 FT.		SQUAD LEADER F. C. Gaul	DATE 2/19/44
REVISED BY P. E. Baroni	DATE 2/19/44	GROUP SUPERVISOR Hill SENIOR NAV. ARCH.	2/19/44
TRACED BY		SECTION SUPERVISOR Berkes PRIN. NAV. ARCH.	2/19/44
CHECKED BY J. B. Francone	2/19/44	E. Lissenden HEAD NAV. ARCH.	2/17/44

APPROVED
DATE 2/19/44
W. W. Kelley
for: DESIGN SUPERINTENDENT
Lt Comdr. USN

SATISFACTORY TO

APPROVED
BUREAU OF
LETTER

PLAN
EXAMINED AND FOUND CORRECT
DATE
DESIGN SUPERINTENDENT

TITLE

COLD STORAGE ROOMS INSULATION
1ST PLATFORM FRS. 129 TO 141
ARRG'T., SECTIONS & DETAILS

BUREAU OF SHIPS PLAN NUMBER
AGC7-S3901-489446 ALT.